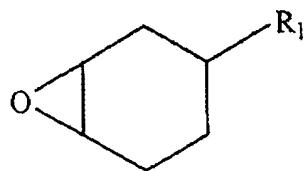
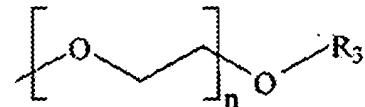
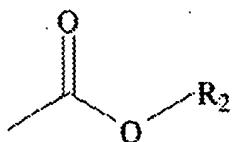


IN THE CLAIMS

1. (Currently Amended) A method for producing coated electrical wires, ~~characterized in that~~ wherein is carried out using UV-curable baking enamels containing
  - a) 50%-95% by weight of oxirane-based binders,
  - b) 1%-10% by weight of UV crosslinking catalysts,
  - c) 0-80% by weight of reactive diluents,
  - d) 0-40% by weight of chain transfer agents, and
  - e) 1%-8% of further additives.
2. (Currently Amended) The method of claim 1, ~~characterized in that~~ wherein baking enamels are used containing
  - a) 60%-93% by weight of oxirane-based binders,
  - b) 2%-6% by weight of crosslinking catalysts,
  - c) 0-70% by weight of reactive diluents,
  - d) 0-30% by weight of chain transfer agents, and
  - e) 1%-3% of further additives.
3. (Currently Amended) The method of ~~any one of the present claims,~~ ~~characterized in that~~ claim 1, wherein, cycloaliphatic oxirane compounds are used of the general form

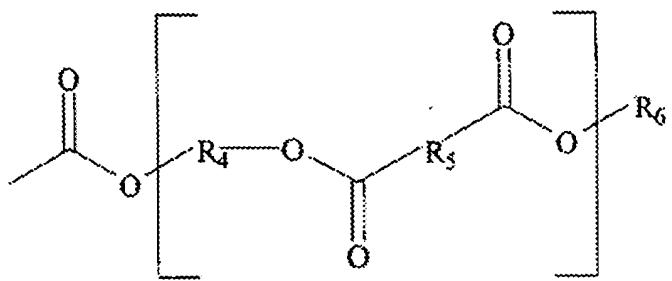


where R<sub>1</sub> can be a hydrogen, a carboxylate radical of the indicated form

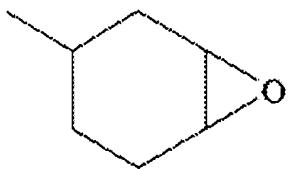


a polyether radical of the formula

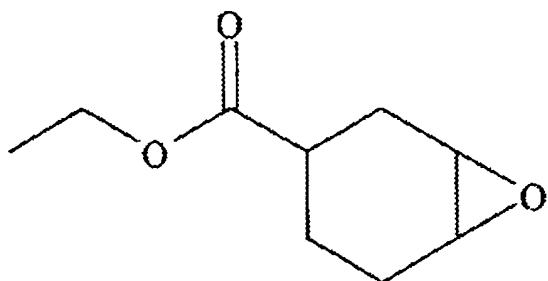
with n = 1-50 or a polyester radical of the following form



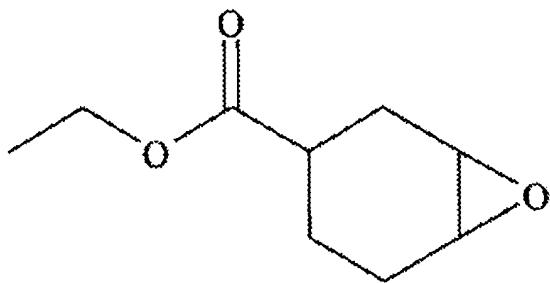
where R<sub>2</sub> is a methyl, ethyl, propyl or butyl radical or a further oxirane compound of the following form



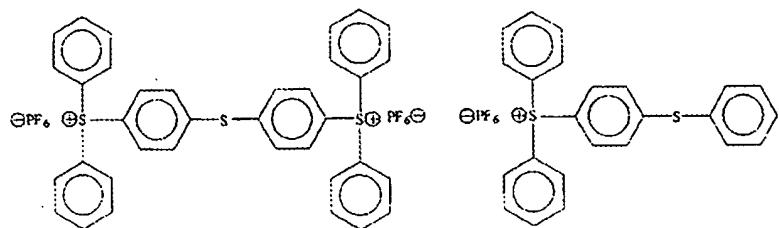
and R<sub>3</sub> is a hydroxyethyl radical or an oxirane compound of the following form



$R_4$  and  $R_5$  describes an aliphatic hydrocarbon chain of 2-6 carbon units, it being possible in addition for  $R_5$  to be a phenylene radical, and  $R_6$  is a hydroxyalkyl radical having 2-6 carbons or an oxirane compound of the following form



4. (Currently Amended) The method of ~~any one of the preceding claims, characterized in that claim 1, wherein~~ at least one photoinitiator suitable for cationic photopolymerization is added.
  
5. (Currently Amended) The method of claim 5, ~~characterized in that wherein~~, as a photoinitiator, a mixed arylsulfonium hexa-fluorophosphate salt of the following form



is added.

6. (Currently Amended) The method of ~~any one of the preceding claims, characterized in that claim 1, wherein~~ a baking enamel is used whose component a) is prepared using methyl 3,4-epoxycyclohexanecarboxylate.
7. (Currently Amended) The method of claim 7, ~~characterized in that wherein~~ a baking enamel is used whose component a) has been prepared using polyethylene glycol.
8. (Currently Amended) The method of ~~any one of the preceding claims, characterized in that claim 1, wherein~~ baking enamels are used to which low molecular mass oxiranes, oxetanes are added as reactive diluents.

9. (Currently Amended) The method of claim 9, ~~characterized in that wherein~~ low molecular mass oxiranes, oxetanes are added as reactive diluents.

10. (Currently Amended) The method of ~~any one of the preceding claims, characterized in that claim 1, wherein~~ component d) comprises polyester polyols having molecular weights of between 500 and 2000 g/mol.

11. (Currently Amended) The method of ~~any one of the preceding claims, characterized in that claim 1, wherein~~ component d) comprises polyester polyols having an average molecular weight of between 500 and 1000 g/mol.

12. (Currently Amended) The method of ~~any one of the preceding claims, characterized in that claim 1, wherein~~ component e) comprises additives or stabilizers or mixtures thereof.

13. (Currently Amended) The method of ~~any one of the preceding claims, characterized in that claim 1, wherein~~ after the electrical wire has been coated with baking enamel, said enamel is cured by means of ultraviolet radiation.